Fax: (601) 576 - 7800

\*\*Not a preferred method due to poor clarity\*\*

## 2017 CERTIFICATION 2018 JUN 22 AM 8: 56 Consumer Confidence Report (CCR)

Public Water System	
List PWS ID #s for all Community Water S	///
The Federal Safe Drinking Water Act (SDWA) requires each Communical Consumer Confidence Report (CCR) to its customers each year. Deprivate be mailed or delivered to the customers, published in a newspaper request. Make sure you follow the proper procedures when distributing mail, a copy of the CCR and Certification to the MSDH. Please check	r of local circulation, or provided to the customers upon the CCR. You must email, fax (but not preferred) or the all boxes that apply.
Customers were informed of availability of CCR by: (Attack	
Advertisement in local paper (Attach co	opy of advertisement)
☐ On water bills (Attach copy of bill)	
☐ Email message (Email the message to a	the address below)
☐ Other	
Date(s) customers were informed: 05/19/2018	/ /2018 / /2018
CCR was distributed by U.S. Postal Service or other dimethods used	irect delivery. Must specify other direct delivery
Date Mailed/Distributed:/	•
CCR was distributed by Email (Email MSDH a copy)	Date Emailed: / / 2018
🗀 As a URL	(Provide Direct URL)
☐ As an attachment	
☐ As text within the body of the email me	essage
Name of Newspaper: //w/mes County //www.Date Published: 05 / 19 / 2018	blished CCR or proof of publication)  ora /d
CCR was posted in public places. (Attach list of locations)	Date Posted: / / 2018
CCR was posted on a publicly accessible internet site at the	
•	(Provide Direct URL)
CERTIFICATION I hereby certify that the CCR has been distributed to the customers of the above and that I used distribution methods allowed by the SDWA. I furth and correct and is consistent with the water quality monitoring data provide of Health, Bureau of Public Water Supply  New Tide (Pussident Major Current etc.)	er certify that the information included in this CCR is true
Name/Title (President, Mayor, Owner Jetc.)	Date
Name/Title (President, Mayor, Owner, Jetc.)  Submission options (Select on	Date e method ONLY)

CCR Deadline to MSDH & Customers by July 1, 2018!

Jackson, MS 39215

#### RECEIVED-WATER SUPPLY

#### 2017 Annual Drinking Water Quality Report City of Lexington PWS#: 0260012 April 2018

2018 JUN 22 AM 8: 56

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from two wells drawing from the Meridian Upper Wilcox Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the City of Lexington have received a lower to moderate susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Robin McCrory at 662.417.0167. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of each month at 6:00 PM at the City Hall.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2017. In cases where monitoring wasn't required in 2017, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

				TEST RES	ULTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure- ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contam	inants						
10. Barium	N	2017	.003	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2015/17	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2017	.845	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories

17. Lead N 2		2015/17	1	0	ppb		0 4	L=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfec	tion By-	<b>Products</b>							
Chlorine	N	2017	1	.36 – 1.87	mg/l	0	MDRL =		/ater additive used to control icrobes

<sup>\*</sup> Most recent sample. No sample required for 2017.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected, however, the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the CITY OF LEXINGTON is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.3 ppm was 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.3 ppm was 92%.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The City of Lexington works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

<sup>\*\*</sup> Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.6 - 1.3 mg/l.

### PROOF OF PUBLICATION

# HOLMES COUNTY HERALD LEXINGTON, MISSISSIPPI

## STATE OF MISSISSIPPI, HOLMES COUNTY

Personally appeared before me, the undersigned authority, Chancery Clerk of said County and State, Maria M. Edwards, publisher of a public newspaper called the *Holmes County Herald* established in 1959 and published continuously since that date in said County and State, who, being duly sworn, deposed and said that the notice, of which a true copy is hereto annexed, was published in said paper for \_\_\_\_\_\_\_ time(s), as follows, to wit:

				April 2018		100					
Wa've pleased to pro- services we deliver to understand the effort ensuring the quality of	sent to you you every a we make I your water	day. Our con to continuel r. Our water t	Annual Qual estant goal in ly improve to source is from	by Water Report. I also provide you will be water treatment in two water drawing	his report is a sele and o process and from the Mer	designed Sependabli protect o ndian Upp	to inform e supply o our water i ser Wilde	you about the quality water and it divising water. We want you to resource. We are committed to Aquiter.			
The source water as supply to identify pot made has been furni	sessment ential cour shed to o	has been cor ces of contain or public was	mpleted for mination. A or system a	our public water as report containing of and is evaluable for	etailed inform viewing upon	request	The well	usceptibility determinations were a for the City of Lesington have			
If you have any quest	nons about	this report or	concerning	want to learn more	please atten	d any of	our regular	rly scheduled meetings. They are			
We routnely monitor contaminants that we be saide reflects the in some cases, rad monetone contaminate operations, and wild nuroff, inclusified, or from a variety of its systemic and vested stations and section stations and section in critical provided by pr	for contamination detects must record the contract of the cont	inants in your divining the particular As in results. As an incuser and case should be as agricult heroically, which are agricult heroically, which are agricult and tap water me. All drinks a life import	of diraking was period of Jan water travelled to the complete such as period to the complete such as safe to diving water, in the complete such as	wher according to Fe nuarry 1" is Decemb is even the surface of substances or com that may come the a surface and metals, it and gas products, at any according storm-water numed, reducts of industrial which can be nature, prescribe column, EPA prescribe columns, EPA prescribe col	deral and Sile or 31", 2017 I land or unde comments for in sewage tin which can be which can be on, mining, or , and resider processes at any occurring is regulations ang water, in once of thesi	in cases inground, i on the per sathient p inaturally tarming, dul loca, and petrole or be the that limit hay be re or contame	s where me to distribute the common of the c	centuring wasn't required in 2017, industryly occurring removals cut, in an unit of front herein subsets to systems, sprouthers and white to systems, sprouthers and herbinders, which may be a set herbinders, with on the subset herbinders and herbinders, and continues and herbinders, and continues and herbinders, and continues and herbinders and herbinders, and can also come from gate of a create contaminants in waster proposed to continue at the set and a represented to contaminants in waster proposed to contaminants and the set of the contaminants of the contamina			
In this Lable you wi	i find man	terms and	abbreviation	ns you might not b	e tamilar wit	h. To hel	b you been	ar protestant seem mine an in	Vol. <u>(00</u> , No. <u>(9</u>	the 1011	_
Action Level - the o follow. Meanmain Contents	iont Lavel	m of a continu	"Maximum /	ds, if seconded, trip Allowed' (MCL) is if the best available to	he highest is	vel of a c	ontaminan	it that is allowed to drinking water	day of MAY		
Maximum Contemi	ant Level	Goel (MCLG)	- The 'Gos	r(MCLG) is the leve	el of a contan	Whate in c	Million & Ac	Not peron amon a a a a a	* 1		
Maximum Plesidual addition of a disinfe	Disinfects ctant is no	nt Level (MRIC cessary to co	OL) — The hi estrol microbi	ghest level of a disk us contaminants.	nlectant allow	ed in drin	king water	There is convincing evidence the	Vol, No	the	_
Parts per million (p)	ora) or Micro	oyuna par la grane par la	r (mg/l) - cm er - cm perl	e pari per miliign co	mas to overm	muter in 2.	000 years.	sacs or a single paney in \$10,000 or a single permy in \$10,000,000	day of	, 2018	
				TEST RES	SULTS	MCLG	MCL	Likely Source of Contamination			
Contaminent	Violation	Date Collected	Delected Delected	or 8 of Samples Exceeding MCLIAGL	Link Measure- ment	, and the second			Vol, No	the	_
Inorganic	Contan	ninants	T 500	No Range	Leon	2	1 2	Discharge of drilling washes	day of	2018	
10 Barum	N	2017			ppm	12	AL-1.3	Discharge of drilling wastes, discharge from metal refineres, ensured of natural deposits Compared of household plumping	day or	, 2010	
14 Copper	1	2016/17	2					Company of household plumping systems, arouse of natural deposits, secting from wood preservatives	Vol, No	the	
16. Fluonde**	N	2017	845	No Range	фрт			Employ of natural deposits, water additive which promotes strong teeth, discharge from fertilizer and eluminum fledibite.     Concean of household plumbing.	day of		_
17 Load	N	2015/17	".	0	bbp		AL-1	systems, ecosion of natural deposits	day or	, 2016	
Disinfection	n By-l	roducts	, T	36-187	mpt	0 1	ORL = 4	Water additive used to control	Vol, No	the	
* Must recent tam  ** Fluoride level As you can see requirements. W	ple No see is routinely by the tab a have les	uple required to the course of	for 2017 Le MS Swir I m had no w n our monto coe levels.	Dept of Health's reconstants. We've pro- citations. We've pro- oring and testing to	purconded for and that your sat some con	of of 0.6 - droking -	/ J mg/l water mee s have bee	es or exceeds at Federal and Str on detected, however, the EPA h	day of		
We are required whether or not o	ta monitor our drinking	your drinking water meet in an effort	water for N is health sta to ensure s	pecific contaminant indends. We did co systems complete a	s on a month implete the n t monitoring r	ly basis. I nontoring significant	requirements, MSCH	regular monitoring and an indecessoring the interpretation of any mission of any	Marie M. Educas	rde	
If present, eleval is parearly from high quality dran several hours, your or cooking if you methods. And http://www.epa.com soil 576,7582 if	ed levels of materials king water or can min a are conce ateos y yoursafewe you wish to	f lead can ca and compone but cannot i mize the poli- med shout is ou can ta testead The a have your w	one serious ; ents associa confroi the s ential for leas and in your ways we to mile Mississippi wier tosted.	reason process. On their with service for seriety of maleries's d exposure by fush later you may with minds asposure State Department	es and home used in plum ing your tho h to have your is available of Health Pub	plumbing bing com or 30 sets noter tast from de Heatin	Our water powerts. V outs to 2 m ed Inform the Safe Laborator	young children. Lead in childreng was in system is reopposable for provide When you's water has been silling insules before using water for during about on had to directly water. I Deraking Water Hotelse by offers lead testing. Please cont WINGTON is required to report cart.	Publisher	27	
To comply with results pertaining	the "Regul g to fluorid two the oot	ation Govern lation of our v small range of	ing Fluoridan water system (0.6-1.3 ppm	n. The number of a was 12. The per-	norths in the certage of flu	previous pride sam	calendar y ples collec	year in which average fluoride sort ded in the providus calendar year t	Witness my hand and seal at Lexington,	Mississippi th	is
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The City of Lex sources, which	ington wor are the he	ha around the act of our con	e clock to pro naturally, our	ovide top quality we way of tile and our	der to every to children's futu	We see	k that all o	ur customers help us protect our w	III IN CHEST	\$ 111.00	1